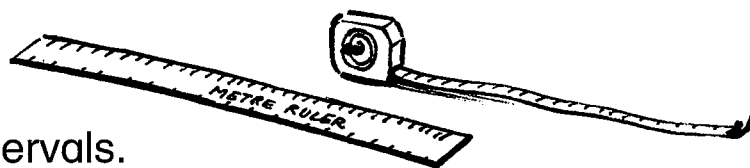
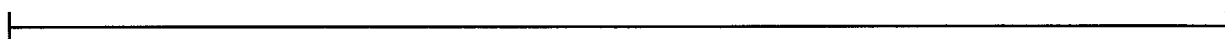


## Short, medium, long



1 Mark this line at 1 cm intervals.



- Put a circle around the 3 cm mark.
- Draw a star on the 1 cm mark.
- Write your name on the 10 cm mark.
- Put a tick on the 5 cm mark.
- Put a square around the 15 cm mark.

- 2
- Which is **further** from the circle, the star or the square? \_\_\_\_\_
  - Which is **closest** to your name, the tick or the circle? \_\_\_\_\_
  - Which is the **shortest** distance, from the circle to the tick or from the circle to the square? \_\_\_\_\_
  - Which is the **longest** distance, from the star to your name or from the star to the tick? \_\_\_\_\_
  - Which shape is the **longest** distance from the number 5? \_\_\_\_\_
  - Which shape is the **shortest** distance to the number 1? \_\_\_\_\_

## Long estimations

Estimate the length of the listed items, then measure. Find the difference between the two measurements. If your estimation is within 2 cm of the actual measurement, give yourself a tick in the 'Yes' column. If not, put a cross in the 'No' column.

Object	Estimate		Actual		Difference		Within 2 cm?	
	Length	Width	Length	Width	Length	Width	Yes	No
your shoe								
your foot								
a shoelace								
a ruler								
your book								
a calculator								
your desk								
a duster								
your hand								
the board								
a pencil								
a pencil case								
a tissue								

# Heavy, heavier, heaviest

1

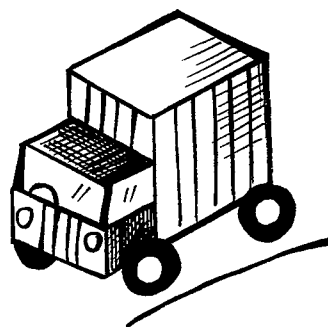
The mass of a feather is about one gram. Name some things that have about the same mass as the following measurements.

- a 10 grams: \_\_\_\_\_
- b 250 grams: \_\_\_\_\_
- c 500 grams: \_\_\_\_\_
- d 1 kilogram: \_\_\_\_\_
- e 10 kilograms: \_\_\_\_\_
- f 35 kilograms: \_\_\_\_\_
- g 80 kilograms: \_\_\_\_\_
- h 1 tonne: \_\_\_\_\_
- i 10 tonnes: \_\_\_\_\_

2

Choose from **grams**, **kilograms** or **tonnes** to show which you would use to measure the mass of these things.

- |                         |                       |
|-------------------------|-----------------------|
| a A dog: _____          | i A whale: _____      |
| b You: _____            | j A watch: _____      |
| c A car: _____          | k A computer: _____   |
| d A shoe: _____         | l A skateboard: _____ |
| e A pencil case: _____  |                       |
| f A mouse: _____        |                       |
| g A truck: _____        |                       |
| h A box of mints: _____ |                       |

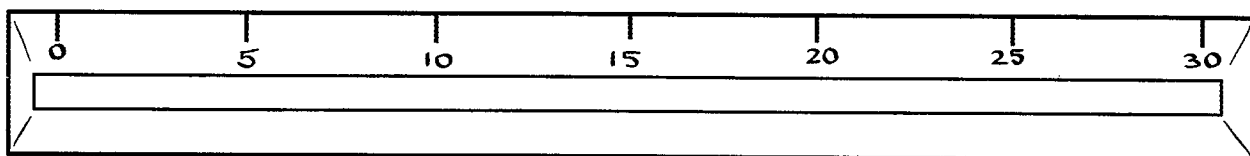


# What's my measurement?

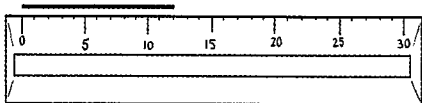
1 What do the markings on a ruler show? \_\_\_\_\_

2 On the ruler below:

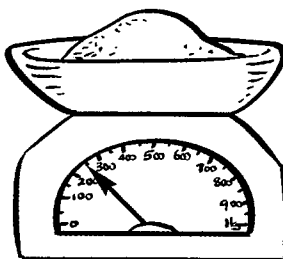
- a draw a star at the 3 cm mark
- b draw a circle at the 16 cm mark
- c write your name at the 18 cm mark
- d draw a flower at the 27 cm mark.



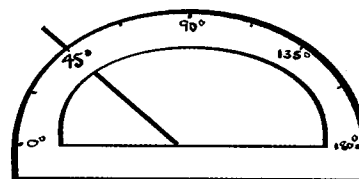
3 Look at the pictures below and write the measurement each one is showing.



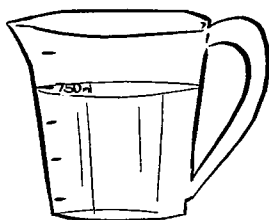
\_\_\_\_\_ cm



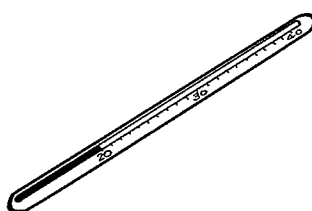
\_\_\_\_\_ g



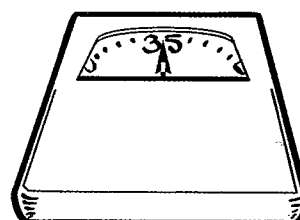
\_\_\_\_\_ °



\_\_\_\_\_ mL



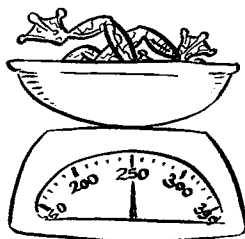
\_\_\_\_\_ °C



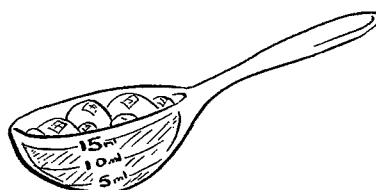
\_\_\_\_\_ kg

## Dr Frank's laboratory

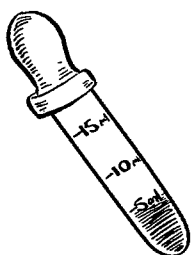
- 1 Dr Frank is an inventor. How much is he using of the following ingredients?



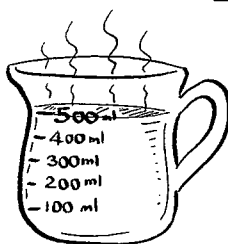
\_\_\_\_\_ g



\_\_\_\_\_ mL



\_\_\_\_\_ mL

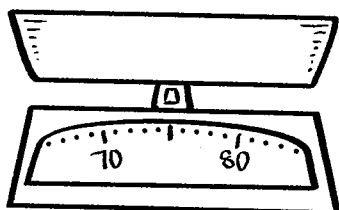


\_\_\_\_\_ mL

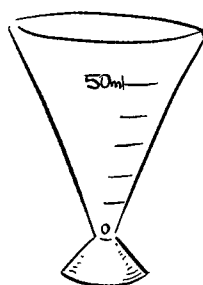


\_\_\_\_\_ g

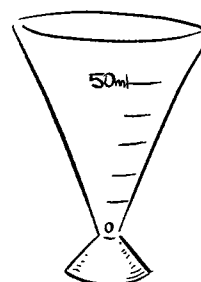
- 2 Show the amounts Dr Frank needs of each of these items.



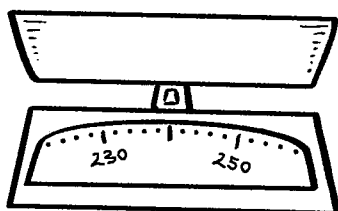
75 g of  
itching powder



45 mL of  
daisy essence



22 mL of  
slime



240 g of  
giraffe manure



400 mL of  
pond water

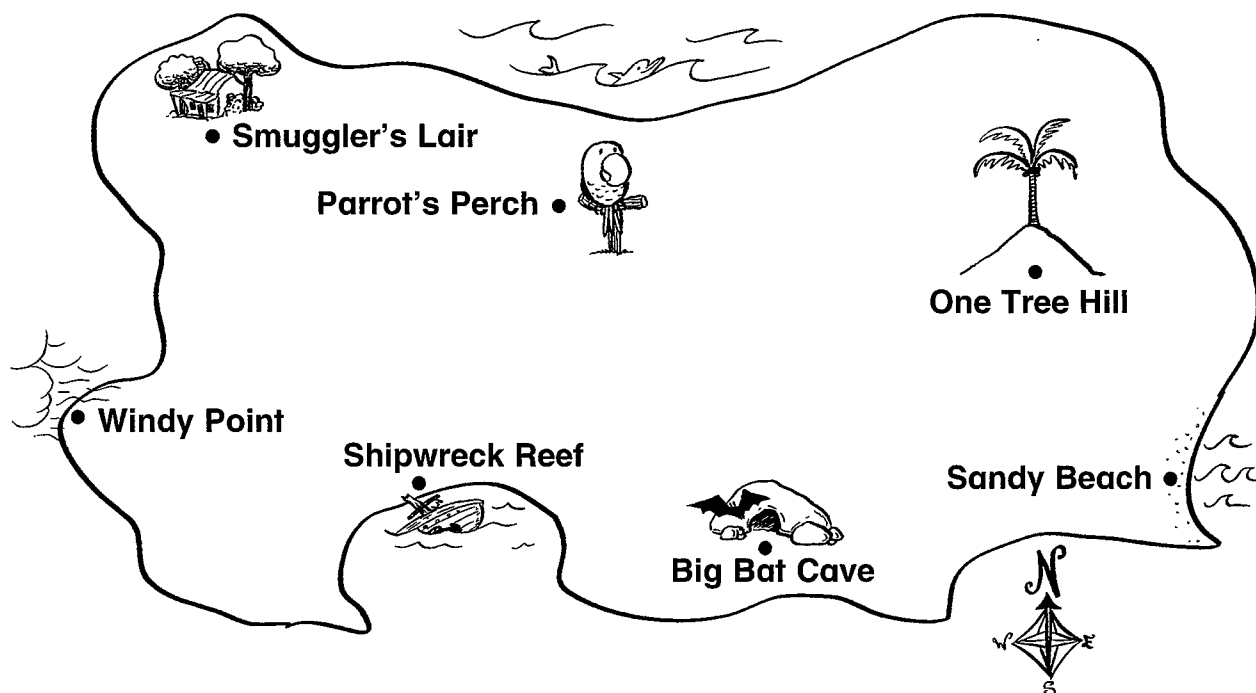


310 mL of  
rancid coconut milk

# Centimetre Island

Use your understanding of the centimetre to help estimate the distance between each point on the map.

Check your answers by measuring and ruling a line between each point.



1

How far is it from Windy Point to Sandy Beach?

estimate: \_\_\_\_\_

measurement: \_\_\_\_\_

2

What is the distance between Windy Point and Shipwreck Reef?

estimate: \_\_\_\_\_

measurement: \_\_\_\_\_

3

How far is it from Big Bat Cave to Parrot's Perch?

estimate: \_\_\_\_\_

measurement: \_\_\_\_\_

4

What is the distance between Shipwreck Reef and Parrot's Perch?

estimate: \_\_\_\_\_

measurement: \_\_\_\_\_